

TARGETS 1H & 1I

Name _____ Date _____

LESSON 1.3

Practice B

For use with pages 15–22

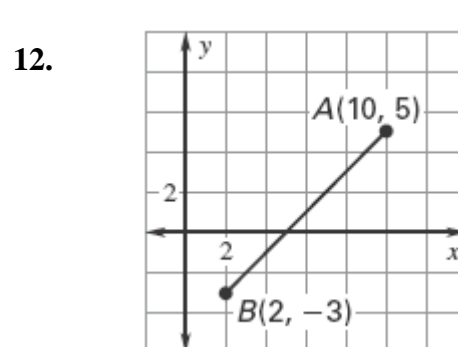
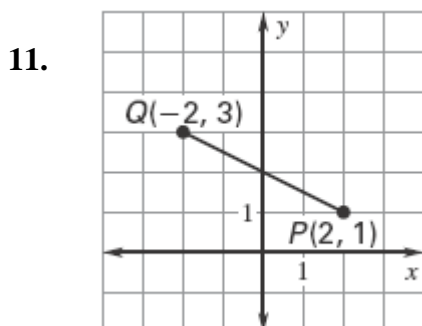
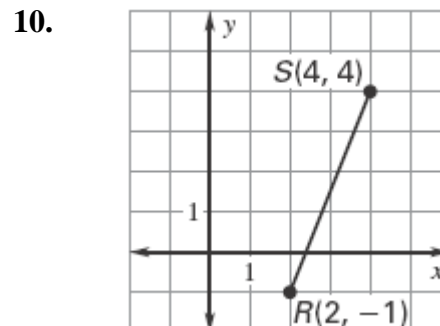
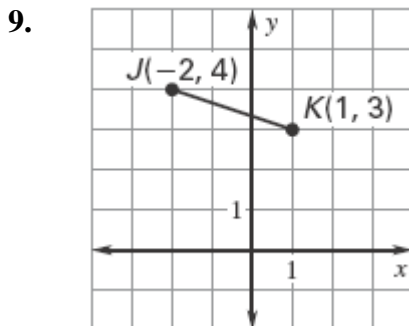
Find the coordinates of the midpoint of the segment with the given endpoints.

1. $S(4, -1)$ and $T(6, 0)$
2. $L(4, 2)$ and $P(0, 2)$
3. $H(-5, 5)$ and $(7, 3)$
4. $G(-2, -8)$ and $H(-3, -12)$

Use the given endpoint R and midpoint M of RS to find the coordinates of the other endpoints.

5. $R(6, 0)$, $M(0, 2)$
6. $R(3, 4)$, $M(3, -2)$
7. $R(-3, -2)$, $M(-1, -8)$
8. $R(11, -5)$, $M(-4, -4)$

Find the length of the segment. Round to the nearest tenth of a unit.



Answer Key

Target 1H & 1I

Practice Level B

1. $\left(5, -\frac{1}{2}\right)$

2. $(2, 2)$

3. $(1, 4)$

4. $\left(-2\frac{1}{2}, -10\right)$

5. $(-6, 4)$

6. $(3, -8)$

7. $(1, -14)$

8. $(-19, -3)$

9. 3.2

10. 5.4

11. 4.5

12. 11.3